

## EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2001019194  
PUBLICATION DATE : 23-01-01

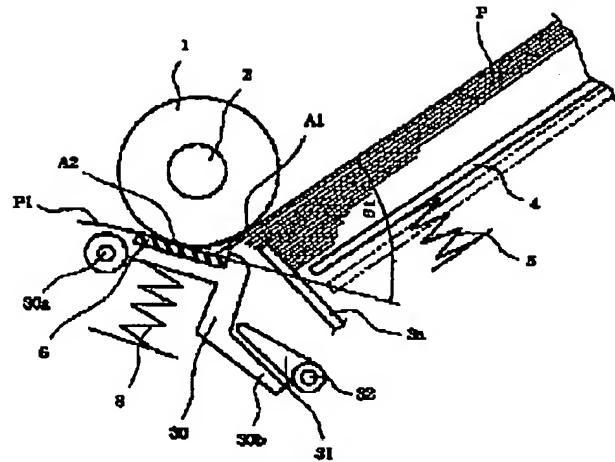
APPLICATION DATE : 05-07-99  
APPLICATION NUMBER : 11190408

APPLICANT : CANON INC;

INVENTOR : SONODA SHINYA;

INT.CL. : B65H 3/52 B65H 1/24 B65H 3/46

TITLE : SHEET FEEDER, RECORDER AND  
PAPER FEED METHOD FOR SHEET  
FEEDER



**ABSTRACT :** PROBLEM TO BE SOLVED: To eliminate the deterioration of separating feed performance and reduce the effects of back tension in a simple constitution.

**SOLUTION:** When a sheet supported by a pressure plate 4 to press abut to a paper feed roller 1 is fed out to be separated sheet by sheet by a separating pad 6, the pressure plate 4 is separated from the paper feed roller 1 when the sheet is separated, after the separated sheet is conveyed by a conveying means in the downstream, the separating pad 6 is separated from the paper feed roller 1, and also, a relative angle of the separating pad 6 to a sheet on and after the second is changed so as to be larger than an angle initially set for a separating feed. In this way, back tension of the conveyed sheet can be decreased, and the double feed of the sheet also can be surely prevented.

**COPYRIGHT:** (C)2001,JPO